Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 17 Jan 2022 until 23:59 on Tuesday 18 Jan 2022

Forecast Issued on Sunday 16 Jan 2022 at 12:25

Confidence: High for largely settled, also for fronts crossing from the northwest later Tuesday and early Wednesday, but lower confidence for detail of worst of frontal weather.

Headline for Monday 17 Jan 2022: Largely dry. Best of brightness in east. Easing winds.

Mountain weather hazards on Monday 17 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	10%	10%	<05%	<05%	<05%

Forecast for Monday 17 Jan 2022

Weather: A dry day for the majority with bright and sunny spells quite widespread across the east of the Park. In the west cloud may thicken to bring some patchy light rain, chiefly late morning and early afternoon. Also a chance of some mist and fog patches forming around the foothills through to early morning Monday and again by late evening.

Chance of cloud free mountain/hill tops above 800m: 70% in west 90% plus in east.

Visibility: Generally good or very good, briefly moderate or poor in patchy rain in the west, also very poor in cloud which occasionally lowers 500m in west, infrequently so in east, also very poor in the foothill fog.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 17 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	22/26 NW	19/24 NW	16/19 NW	12/15 NW	12/15 W	10/13 SW	12/15 S	17/22 S	20/26 S
600	17/24 NW	14/22 NW	13/19 NW	10/15 W	9/13 W	6/9 SW	10/13 S	13/17 S	14/20 S
300	6/19 NW	7/19 NW	7/16 NW	6/13 NW	5/11 W	3/8 SW	5/10 S	5/13 S	5/16 S
Valley	3/13 NW	4/11 NW	5/12 NW	4/11 W	4/9 W	3/6 SW	3/7 S	4/10 S	5/12 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-7	0/-6	1/-4	1/-3	2/-2	3/-0	2/-2	1/-4	0/-6
600	1/-4	1/-4	1/-3	2/-3	2/-1	3/1	2/-2	1/-3	1/-4
300	2/-0	2/-1	2/-1	3/0	4/2	4/3	2/0	2/-0	2/-0
Valley	4/3	4/3	5/3	5/3	6/5	6/4	3/2	3/1	3/1
Freezing Level*	1100m	1300m	1300m	1300m	1300m	1300m	1300m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant wind chill effect at height.

Forecast for Tuesday 18 Jan 2022

Weather: Some early mist and fog patches around the foothills. Otherwise a fine, dry start to Tuesday with brighter spells quite widespread away from western most ranges. Cloud soon thickening and lowering from the northwest from mid-morning, with occasional rain expected late afternoon and through the evening, falling as snow above 800m at first.

Maximum wind: Southwest increasing to mean 25-30mph from late afternoon with gusts 40-45mph across most exposed ridges and summits

Chance of cloud free mountain/hill tops above 800m: 90% lowering 25% late afternoon, then virtually nil by late evening.

Visibility: Generally good or very good, becoming moderate or poor in later rain, very poor in snow and in cloud which becomes increasingly widespread later in the day, also in the early foothill fog.

Temperature: **Valleys:** Minus 3 Celsius rising plus 8 Celsius during the afternoon
At 800m: Plus 2 Celsius rising 4 Celsius later
Freezing level: 1000-1200m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 16 January Location: Helvellyn summit at 14:45 Full report: Many Lake District fells are now clear of snow up to summit level especially on south and west facing slopes. However crampons/microspikes and an ice axe are still strongly recommended for anyone venturing onto or above steep or exposed terrain, as the remaining snowpack is forecast to refreeze overnight and will be a serious proposition for anyone venturing onto it. The old snow is generally to be found on steep north through east aspects above 700m. Where the snow has been compressed by walkers feet it is now hard and icy creating an obvious hazard on many paths. Striding and Swirral Edge can be climbed almost entirely on rock with careful route choice, however, both have steep banks of unavoidable icy snow guarding their exits and many of the 'easier' routes on the flanks are also still snow bound. For this reason an ice axe and crampons / microspikes are recommended for these and similar routes as a slip not quickly arrested would have very serious consequences The Helvellyn plateau was clear of snow but small cornices still exist above easterly aspects which should be given a wide berth. Full winter clothing (warm and waterproof) including spare warm layers, hats and gloves, and equipment including a headtorch, map, and compass are all essential plus an ice axe & crampons/microspikes if your planned route could potentially take you onto snow or steep and exposed terrain. Temperature: minus 0.4 C Maximum wind speed 13.0mph Wind chill: minus 7.1 C Average wind speed: 10.5mph.
Issued at: 1225 on Sun 16 Jan 2022

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